

FORM- 6 : Inspection Report

TP SOUTHERN ODISHA DISTRIBUTION LIMITED

Ref. Registration No.: _____

Certified that We Divisional Engineer/SDO/Section Head _____ Division/ _____
Sub-Division/ _____ Section have personally inspected theKWp SPV system
at.....on date.....& the details of inspection report are as below: -

Inspection Report for KWp Roof Top Solar PV System (RTSPV) at		
Sl. No.	Parameter	Utility Observation
A Applicant Details		
1	Name of the Applicant	
2	Application No./Registration No. with Date	
2	Address	
3	Consumer Number	
4	Consumer Category	
5	Type of Connection: 1Ph LT or 3Ph LT/HT	
6	contract demand of consumer	
7	Arrear, if any	
B Distribution Transformer Details		
1	Capacity in KVA	
2	Location	
3	Total Capacity of rooftop solar photovoltaic systems already connected to the Distribution Transformer in KWp (individual capacity may be mentioned)	
4	Whether the transformer capacity is adequate to deliver the proposed Solar rooftop PV system in addition to existing RTSPV systems	Yes/No
C Solar Rooftop PV Power Plant Details		
1	Details of proposed power plant (a) Capacity of the SPV Power Plant (KWp) (b) Plant proposed at single site/multiple sites (c) Interconnection with the electricity network at single point or multiple point	
2	Whether the Single Line Diagram of the RTSPV System (Submitted by the consumer indicating all the Safety aspects of Grid Connectivity) is OK for grid Connectivity	YES/NO (if it is no, state reasons for the same and suggest alternate arrangements)

D	Grid Tied Inverter		
1	Make		
2	Serial No.		
3	Capacity		
4	Input Voltage/ Output Voltage		
5	Whether Anti-islanding feature is in working condition	Need to be checked practically before charging	
6	Date of installation		
E	P.V. Module		
1	Make		
2	Serial No.		
3	Type of Module		
4	Capacity of each Module		
5	No. of Module		
6	Total capacity of Module		
7	Date of installation		
F	Earthing Verification (i) D.C. Earthing (ii) A.C. Earthing	(i) in Ohm (ii) in Ohm Within permissible limit or Not (Values should be certified by contractor with HV Supervisory license)	
G	Details of protective system available	(i) AC & DC DB: Yes/No (ii) Manual Switch at Solar Side: Yes/No (iii) Relay operated automatic switch at net- meter side: Yes/ No	
H	Details of protection system provided to prevent back feeding from DG/ Battery/Inverter any other		
I	EIC inspection and approval letter Submitted by the consumer in case of above 50KVA.	Yes/ No	
J	Safety certificate from Inspecting officer of TPSODL below 50KVA	Yes/No	
K	Work Completion Report of RTSPV by consumer	Yes/ No	
L	Test report of all component of RTSPV system (including inverter) is as per CEA/OERC regulation and IS/ BIS standards	Yes/NO	
M	Meter Details	Net Meter (Bi-directional Meter)	Solar Generation Meter (Details of allSolar meters)
1	Total No of Meters		
2	Meter Make		
3	Meter Sl. No.		
4	1 Ph/ 3Ph		

5	Capacity		
6	Meter Constant		
N	Any other necessary details with Remarks		
Inspection Report			
Whether this installed SRTPV system is satisfactory for grid connectivity/ Synchronization		Yes/No (if it is not satisfactory, state reasons forth same and suggest alternate arrangements required to evacuate power from the SRTPV system)	

Report on Safety Point of View: -

Divisional Engineer
Designation and seal

Sub-Divisional Officer
Designation and seal

Section Head
Designation and Seal

Circle Head

Designation and seal